

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number  
**WO 2005/002166 A2**

(51) International Patent Classification<sup>7</sup>: **H04L 29/06**

(21) International Application Number: **PCT/EP2004/051233**

(22) International Filing Date: 24 June 2004 (24.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0314971.3 27 June 2003 (27.06.2003) GB

(71) Applicant (for all designated States except US): TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): TORVINEN, Vesa Matti [FI/FI]; Lemminkaisenkatu 15 B 35, FIN-20520 Turku (FI). WIFVESSON, Monica [SE/SE]; Kruthornsgränden 3, S-22652 Lund (SE). GONZALEZ-PLAZA, Alfredo [ES/ES]; Honduras 4 10 A, E-28820 Madrid (ES).

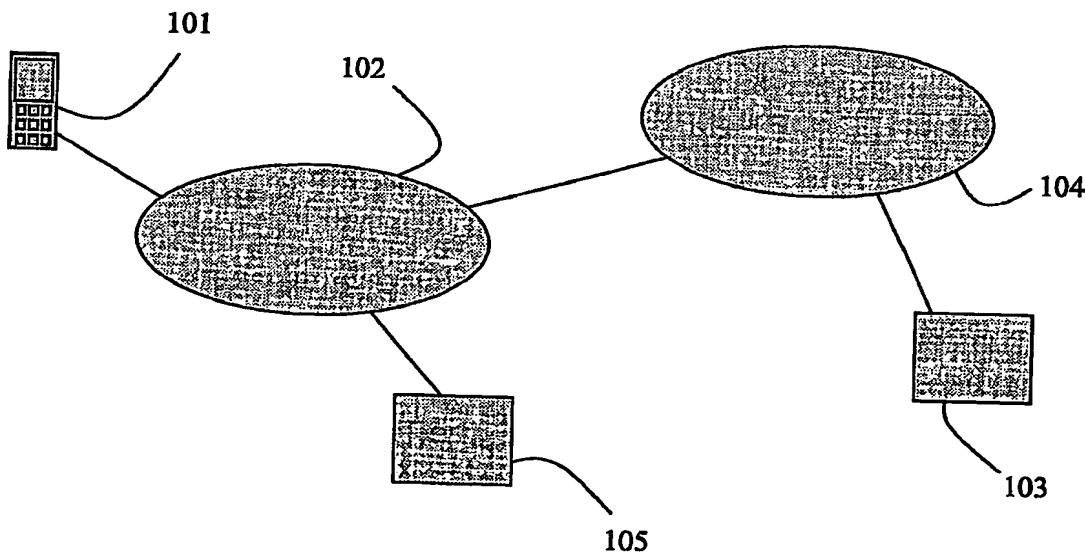
(74) Agents: TALBOT-PONSONBY, Daniel et al.; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford Oxfordshire OX4 2RU (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD FOR DISTRIBUTING PASSWORDS



(57) Abstract: A method of generating a password for use by an end-user device (UE) (101) to access a remote server (103) comprises sending a request for access from the UE to the remote server, and sending to an authentication node (105) in the UE's home network (104) details of the request for access and the identity of the remote server. A HTTP Digest challenge is generated at the authentication node or the remote server using an algorithm capable of generating end-user passwords. The challenge includes details of the identity of the remote server and the identity of the UE. A password is generated and stored at the UE (101) based on the HTTP Digest challenge, the password being associated with the identity of the remote server (103) and the identity of the UE (101).

**WO 2005/002166 A2**



**Published:**

- *without international search report and to be republished upon receipt of that report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*